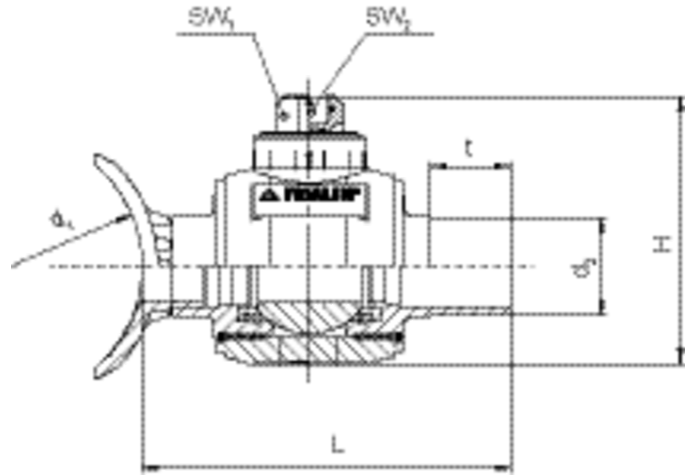


# AKHP TL

## Tapping Ball Valves in HD-PE, 1/4 turn, Top-Loading for side tapping under pressure

Suitable for all pipe diameters in the given range by means of the FRIATOP Clamping Unit (see application picture and Product Range FRIATOOLS Ref.-No. 613350).

Compact tapping ball valve in HD-PE. Factory made combination of FRIALEN Saddle Moulding and FRIALEN Ball Valve with spigot for space and cost saving horizontal installation especially for integration of branches into mains under operating pressure. Leakage and swarf free tapping up to 10 bar (gas) and standard tapping equipment (we recommend Hütz & Baumgarten ([www.huetz-baumgarten.de](http://www.huetz-baumgarten.de))). With exposed heating element for optimal heat transfer. Please note the maximum permissible wall thickness for tapping.



PE 100 SDR 11

Maximum working pressure 10 bar (gas)



	Κωδικός προϊόντος	product.detail.attribute.d1Small	d <sub>2</sub>	BX	PU	L	t	sw1	sw2	H	Drilling Ø d <sub>a</sub>	Weight kg
1	615526	250-450 (- 560)	90	4	32	335	90	50 x 50	25	240	60	4,470

<sup>1</sup> d<sub>1</sub>: d 250 up to d 450 for pipes SDR 11 and 17; d<sub>1</sub> > d 450 up to d 560 for pipes SDR 17

DVGW-Registration Nos. AKHP-TL.: DG-8631AU2253

For tapping of pipes under pressure we recommend tapping equipment of Hütz + Baumgarten.

Please refer to the instructions of the drilling tool.

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### Areas of Application

The FRIALEN-Tapping Ball Valve, completely made from HD-PE, makes it possible to tap sideways into an operational HD-PE mains under gas and water pressure – without any escape of gas or water.

### Assembly Instructions

For this version the saddle will be mounted using the FRIATOP Clamping Unit (see list of Technical Equipment). Please read the separate leaflet "Assembly and Operating Instructions for FRIATOP clamping unit (Top-Loading)".

The fusion of FRIALEN Tapping Ball Valves to the HD-PE main takes place by FRIALEN fusing – leakproof and longitudinally strong. The pipe and the saddle have to be prepared (oxide layer removal/cleaning) in accordance with the general installation instructions (see „Assembly Instructions“ for FRIALEN XL for laying large pipes and relining pipe networks).

### Tapping of the HD-PE pipe under operating pressure

For this we recommend the tapping equipment of Hütz + Baumgarten. It is clamped onto the exposed fusion end of the ball valve. The tapping of the HD-PE pipe takes place through the opened ball valve and is leakage free.

### Actuating the shut-off valve

By the telescopic actuating installation kit BS from the valve cover.

### Good reasons for using the FRIALEN-Tapping Ball Valves:

Fusioning and tapping under pressure saves time-consuming and expensive shut-offs and emergency supply during the integration

Installation of mains and service lines takes place on one level and thus affords advantages in the planning stages

Construction and connecting works are reduced to a minimum

The ball valve can be used as a shut-off device afterwards

Can be applied universally to large HD-PE pipe diameters d 250-450 (560). This means additional economy due to less material needed

Additional barcode for tracing back the underground fitting (Traceability-Coding)